



(11) **EP 0 860 728 A1**

(12) **EUROPEAN PATENT APPLICATION**

(43) Date of publication:  
26.08.1998 Bulletin 1998/35

(51) Int Cl.<sup>6</sup>: **G02B 27/22, H04N 13/00**

(21) Application number: **98300826.9**

(22) Date of filing: **04.02.1998**

(84) Designated Contracting States:  
**AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC  
NL PT SE**  
Designated Extension States:  
**AL LT LV MK RO SI**

- **Moseley, Richard Robert**  
Horsham, West Sussex, RH12 5NZ (GB)
- **Ezra, David**  
Wallingford, Oxfordshire OX10 01RL (GB)
- **Holiman, Nicholas**  
Wallingford, Oxfordshire OX10 0AY (GB)

(30) Priority: **04.02.1997 GB 9702259**

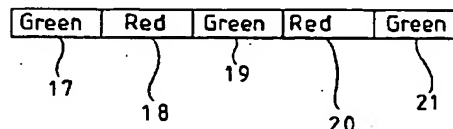
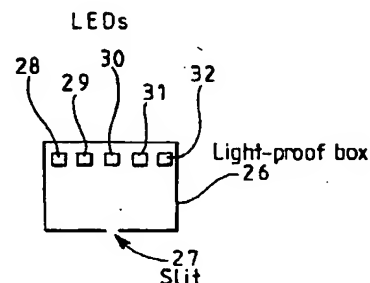
(71) Applicant: **SHARP KABUSHIKI KAISHA**  
**Osaka-shi Osaka 545 (JP)**

(74) Representative: **Robinson, John Stuart et al**  
**Marks & Clerk**  
**Nash Court**  
**Oxford Business Park South**  
**Oxford OX4 2RU (GB)**

(72) Inventors:  
• **Woodgate, Graham John**  
**Henley-on-Thames, Oxfordshire, RG91HF (GB)**

(54) **Autostereoscopic display**

(57) An autostereoscopic display comprises an SLM 2 which is controlled to provide an image display and a signal display. A parallax optic 3 has a first portion which cooperates with the image display to form a plurality of viewing windows 16. A second portion 3a of the parallax optic 3 forms first and second images visible to an observer at alternate viewing windows 16 so as to allow the observer to distinguish between desired orthoscopic viewing zones 17, 19, 21 and undesirable viewing positions such as pseudoscopic positions 22-25.



**FIG 2**

**EP 0 860 728 A1**